











TOTAL METALS															
2		Aluminum	µg/L	4.72E+02	4.72E+02	MW-13	1/1	200 - 200	2.00E+04	--	--	--	--	--	2.00E+04
2		Antimony	µg/L	--	--	--	0/1	50 - 50	6.00E+00	--	6.00E+00	--	--	--	7.80E+00
2		Arsenic	µg/L	--	--	--	0/1	25 - 25	1.00E+01	--	1.00E+01	--	--	--	5.20E-02
2		Barium	µg/L	2.53E+02	2.53E+02	MW-13	1/1	250 - 250	2.00E+03	--	2.00E+03	--	--	--	3.80E+03
2		Beryllium	µg/L	--	--	--	0/1	25 - 25	4.00E+00	--	4.00E+00	--	--	--	2.50E+01
2		Cadmium	µg/L	--	--	--	0/1	25 - 25	5.00E+00	--	5.00E+00	--	--	--	9.20E+00
2		Calcium	µg/L	6.22E+05	6.22E+05	MW-13	1/1	15000 - 15000	--	--	--	--	--	--	--
2		Chromium	µg/L	--	--	--	0/1	50 - 50	1.00E+02	--	1.00E+02	--	--	--	3.50E-02
2		Hexavalent chromium	µg/L	--	--	--	0/0	-	1.00E+02	--	1.00E+02	--	--	--	3.50E-02
2		Cobalt	µg/L	--	--	--	0/1	25 - 25	6.00E+00	--	--	--	--	--	6.00E+00
2		Copper	µg/L	--	--	--	0/1	50 - 50	1.30E+03	--	--	--	--	--	8.00E+02
2		Iron	µg/L	4.37E+02	4.37E+02	MW-13	1/1	100 - 100	1.40E+04	--	--	--	--	--	1.40E+04
2		Lead	µg/L	--	--	--	0/1	25 - 25	1.50E+01	--	--	--	--	--	1.50E+01
2		Magnesium	µg/L	6.50E+05	6.50E+05	MW-13	1/1	15000 - 15000	--	--	--	--	--	--	--
2		Manganese	µg/L	2.20E+03	2.20E+03	MW-13	1/1	15 - 15	4.30E+02	5.12E+00	--	--	--	--	4.30E+02
2		Mercury	µg/L	--	--	--	0/1	0.2 - 0.2	2.00E+00	--	2.00E+00	--	--	--	6.30E-01
2		Nickel	µg/L	1.58E+01	LJ	1.58E+01	LJ	MW-13	1/1	25 - 25	3.90E+02	--	--	--	3.90E+02
2		Potassium	µg/L	1.23E+05	1.23E+05	MW-13	1/1	5000 - 5000	--	--	--	--	--	--	--
2		Selenium	µg/L	--	--	--	0/1	125 - 125	5.00E+01	--	5.00E+01	--	--	--	1.00E+02
2		Silver	µg/L	--	--	--	0/1	25 - 25	9.40E+01	--	--	--	--	--	9.40E+01
2		Sodium	µg/L	4.39E+06	4.39E+06	MW-13	1/1	100000 - 100000	--	--	--	--	--	--	--
2		Thallium	µg/L	--	--	--	0/1	25 - 25	2.00E+00	--	2.00E+00	--	--	--	2.00E-01
2		Vanadium	µg/L	--	--	--	0/1	125 - 125	8.60E+01	--	--	--	--	--	8.60E+01
2		Zinc	µg/L	--	--	--	0/1	50 - 50	6.00E+03	--	--	--	--	--	6.00E+03
DISSOLVED METALS															
2		Aluminum, dissolved	µg/L	--	--	--	0/1	200 - 200	2.00E+04	--	--	--	--	--	2.00E+04
2		Antimony, dissolved	µg/L	--	--	--	0/1	50 - 50	6.00E+00	--	6.00E+00	--	--	--	7.80E+00
2		Arsenic, dissolved	µg/L	--	--	--	0/1	25 - 25	1.00E+01	--	1.00E+01	--	--	--	5.20E-02
2		Barium, dissolved	µg/L	2.54E+02	2.54E+02	MW-13	1/1	250 - 250	2.00E+03	--	2.00E+03	--	--	--	3.80E+03
2		Beryllium, dissolved	µg/L	--	--	--	0/1	25 - 25	4.00E+00	--	4.00E+00	--	--	--	2.50E+01
2		Cadmium, dissolved	µg/L	--	--	--	0/1	25 - 25	5.00E+00	--	5.00E+00	--	--	--	9.20E+00
2		Calcium, dissolved	µg/L	5.93E+05	5.93E+05	MW-13	1/1	15000 - 15000	--	--	--	--	--	--	--
2		Chromium, dissolved	µg/L	--	--	--	0/1	50 - 50	1.00E+02	--	1.00E+02	--	--	--	3.50E-02
2		Hexavalent chromium, dissolved	µg/L	--	--	--	0/0	-	1.00E+02	--	1.00E+02	--	--	--	3.50E-02
2		Cobalt, dissolved	µg/L	--	--	--	0/1	25 - 25	4.70E+00	--	--	--	--	--	6.00E+00
2		Copper, dissolved	µg/L	--	--	--	0/1	50 - 50	1.30E+03	--	--	--	--	--	8.00E+02
2		Iron, dissolved	µg/L	1.03E+02	1.03E+02	MW-13	1/1	100 - 100	1.10E+04	--	--	--	--	--	1.40E+04
2		Lead, dissolved	µg/L	--	--	--	0/1	25 - 25	1.50E+01	--	--	--	--	--	1.50E+01
2		Magnesium, dissolved	µg/L	6.25E+05	6.25E+05	MW-13	1/1	15000 - 15000	--	--	--	--	--	--	--
2		Manganese, dissolved	µg/L	2.22E+03	2.22E+03	MW-13	1/1	15 - 15	3.20E+02	6.94E+00	--	--	--	--	4.30E+02
2		Mercury, dissolved	µg/L	--	--	--	0/1	0.2 - 0.2	2.00E+00	--	2.00E+00	--	--	--	6.30E-01
2		Nickel, dissolved	µg/L	1.58E+01	LJ	1.58E+01	LJ	MW-13	1/1	25 - 25	3.00E+02	--	--	--	3.90E+02
2		Potassium, dissolved	µg/L	1.22E+05	1.22E+05	MW-13	1/1	5000 - 5000	--	--	--	--	--	--	--
2		Selenium, dissolved	µg/L	--	--	--	0/1	125 - 125	5.00E+01	--	5.00E+01	--	--	--	1.00E+02
2		Silver, dissolved	µg/L	--	--	--	0/1	25 - 25	7.10E+01	--	--	--	--	--	9.40E+01
2		Sodium, dissolved	µg/L	4.37E+06	4.37E+06	MW-13	1/1	100000 - 100000	--	--	--	--	--	--	--
2		Thallium, dissolved	µg/L	--	--	--	0/1	25 - 25	2.00E+00	--	2.00E+00	--	--	--	2.00E-01
2		Vanadium, dissolved	µg/L	--	--	--	0/1	125 - 125	7.80E+01	--	--	--	--	--	8.60E+01
2		Zinc, dissolved	µg/L	--	--	--	0/1	50 - 50	4.70E+03	--	--	--	--	--	6.00E+03















Background	Aluminum, dissolved	µg/L	1.53E+02	B	2.53E+02	TWB-05	2/11	200 - 200	2.00E+04	--	--	--	--	--	--	2.00E+04	--	--	--
Background	Antimony, dissolved	µg/L	--	--	--	TWB-09	0/11	2 - 2	6.00E+00	--	6.00E+00	--	--	--	--	7.80E+00	--	--	--
Background	Arsenic, dissolved	µg/L	1.40E+00	--	1.57E+01	TWB-09	11/11	1 - 5	1.00E+01	1.57E+00	1.00E+01	1.57E+00	--	--	--	5.20E-02	3.02E+02	--	--
Background	Barium, dissolved	µg/L	1.75E+01	B	3.41E+02	TWB-06	11/11	10 - 200	2.00E+03	--	2.00E+03	--	--	--	--	3.80E+03	--	--	--
Background	Beryllium, dissolved	µg/L	--	--	--	TWB-09	0/11	1 - 1	4.00E+00	--	4.00E+00	--	--	--	--	2.50E+01	--	--	--
Background	Cadmium, dissolved	µg/L	--	--	--	TWB-09	0/11	1 - 1	5.00E+00	--	5.00E+00	--	--	--	--	9.20E+00	--	--	--
Background	Calcium, dissolved	µg/L	2.23E+04	--	1.54E+05	TWBG-2	11/11	5000 - 5000	--	--	--	--	--	--	--	--	--	--	--
Background	Chromium, dissolved	µg/L	8.00E-01	LJ	4.80E+00	TWB-05	3/11	2 - 10	1.00E+02	--	1.00E+02	--	--	--	--	3.50E-02	1.37E+02	--	--
Background	Hexavalent chromium, dissolved	µg/L	6.00E+00	B	6.00E+00	TWBG-2	0/0	10 - 10	1.00E+02	--	1.00E+02	--	--	--	--	3.50E-02	1.71E+02	--	--
Background	Cobalt, dissolved	µg/L	1.10E+00	J+	2.70E+00	TWB-09	5/11	1 - 1	4.70E+00	--	4.70E+00	--	--	--	--	6.00E+00	--	--	--
Background	Copper, dissolved	µg/L	2.00E+00	--	4.82E+01	TWB-02 R	4/11	2 - 2	1.30E+03	--	1.30E+03	--	--	--	--	8.00E+02	--	--	--
Background	Iron, dissolved	µg/L	7.90E+02	--	1.73E+04	TWB-04	10/11	100 - 100	1.10E+04	1.57E+00	1.10E+04	--	--	--	--	1.40E+04	1.24E+00	--	--
Background	Lead, dissolved	µg/L	2.90E+00	B	3.90E+00	TWBG-2	0/11	1 - 3	1.50E+01	--	1.50E+01	--	--	--	--	--	--	--	--
Background	Magnesium, dissolved	µg/L	6.44E+03	--	1.14E+05	TWBG-2	11/11	5000 - 5000	--	--	--	--	--	--	--	--	--	--	--
Background	Manganese, dissolved	µg/L	4.01E+01	--	1.07E+03	TWBG-2	11/11	15 - 15	3.20E+02	3.34E+00	3.20E+02	--	--	--	--	4.30E+02	2.49E+00	--	--
Background	Mercury, dissolved	µg/L	--	--	--	TWB-09	0/11	0.2 - 0.2	2.00E+00	--	2.00E+00	--	--	--	--	6.30E-01	--	--	--
Background	Nickel, dissolved	µg/L	1.30E+00	--	1.40E+01	TWB-06	11/11	1 - 40	3.00E+02	--	3.00E+02	--	--	--	--	3.90E+02	--	--	--
Background	Potassium, dissolved	µg/L	9.51E+02	B	3.54E+04	TWBG-2	10/11	5000 - 5000	--	--	--	--	--	--	--	--	--	--	--
Background	Selenium, dissolved	µg/L	2.30E+00	B	5.30E+00	J	TWB-02 R	1/11	5 - 5	5.00E+01	--	5.00E+01	--	--	--	1.00E+02	--	--	--
Background	Silver, dissolved	µg/L	--	--	--	TWB-09	0/11	1 - 1	7.10E+01	--	7.10E+01	--	--	--	--	9.40E+01	--	--	--
Background	Sodium, dissolved	µg/L	4.63E+04	--	7.11E+05	TWBG-2	11/11	5000 - 25000	--	--	--	--	--	--	--	--	--	--	--
Background	Thallium, dissolved	µg/L	--	--	--	TWB-09	0/11	1 - 1	2.00E+00	--	2.00E+00	--	--	--	--	2.00E-01	--	--	--
Background	Vanadium, dissolved	µg/L	1.10E+00	B	5.60E+00	TWB-05	1/11	5 - 50	7.80E+01	--	7.80E+01	--	--	--	--	8.60E+01	--	--	--
Background	Zinc, dissolved	µg/L	2.90E+00	J+	2.30E+01	TWB-06	9/11	2 - 20	4.70E+03	--	4.70E+03	--	--	--	--	6.00E+03	--	--	--

<b>QUALIFIERS:</b>	
+	High biased. Actual concentration may be lower than the concentration reported
B	Indicates analyte detected in associated method blank
J	Indicates an estimated value
L	Reported concentration is below the CRQL (non-metals)/Reported concentration is between the MDL and the CRQL (metals)
<b>ABBREVIATIONS AND ACRONYMS:</b>	
--	Not applicable or not available
++	Values are only presented when MCLs, ALs, and RSLs have not been promulgated.
µg/L	Microgram(s) per liter
AL	Action Level
CRQL	Contract-Required Quantification Limit
MCL	Maximum Contaminant Level
MDL	Minimum Detection Limit
PCL	Protective Concentration Level
RSL	Regional Screening Level
USEPA	US Environmental Protection Agency
TCEQ	Texas Commission on Environmental Quality
TRRP	Texas Risk Reduction Program
<b>NOTES:</b>	
<sup>1</sup>	The applicable screening criteria is the MCL or AL. If no MCL exists, the action level is the USEPA Tapwater RSL. If no EPA RSL exists, then the TCEQ Residential groundwater protective concentration level is the action level.
<sup>2</sup>	The exceed column is the maximum detected concentration divided by the comparison criteria. Only comparisons where the maximum detected concentration exceeds the comparison criteria are presented.
<sup>3</sup>	National Primary Drinking Water Regulations Maximum Contaminant Levels and Action Levels accessed at <a href="http://water.epa.gov/drink contaminants/index.cfm#List">http://water.epa.gov/drink contaminants/index.cfm#List</a> in June 2014.
<sup>4</sup>	Regional Screening Levels (RSLs) (May 2014) as presented at USEPA website at <a href="http://www.epa.gov/region6/6pd/crra_c_pd-n/screen.htm">http://www.epa.gov/region6/6pd/crra_c_pd-n/screen.htm</a> (target hazard quotient of 1.0).
<sup>5</sup>	TCEQ TRRP PCLs (June 2012) accessed at <a href="http://www.tceq.texas.gov/remediation/trrp/trppcls.html">http://www.tceq.texas.gov/remediation/trrp/trppcls.html</a> in Jun 2014.
<sup>6</sup>	Screening level for 1,3-Dichloropropene was used for 1,3-Dichloropropene (cis) and 1,3-Dichloropropene (trans).

Area of Concern	Order	Analyte	tbt result summary GW-AOC	Units	Minimum Result (2007-2013 Data)	Maximum Result (2007-2013 Data)	Median Result (2007-2013 Data)	Sample Location (2007-2013 Data)	DetectCount	Detect Count	Total Count	Total Count	Detection Frequency (2013 Data)	Min MQL	Max MQL	MQL Range (2007-2013 Data)	Applicable Screening Criteria <sup>a</sup>	Applicable Screening Exceed <sup>d</sup>	Maximum Contaminant Level <sup>b</sup>	Contaminant Level Exceed <sup>c</sup>	Federal Action Level <sup>e</sup>	Federal Action Level Exceed <sup>f</sup>	USEPA Regional Screening Level Tapwater <sup>g</sup>	USEPA Regional Screening Level Tapwater <sup>g</sup> Exceed <sup>d</sup>	TCOO TRRP Groundwater Injection <sup>h</sup>	TCOO TRRP Groundwater Injection <sup>h</sup> Exceed <sup>d</sup>
1	IN	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	6	6	6	0.6	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
2	IN	1-VOC-33	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	6	6	6	0.6	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
3	IS	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	8	8	8	0.8	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
4	IS	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	8	8	8	0.8	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
5	2	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	1	1	1	0.1	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
6	2	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	1	1	1	0.1	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
7	3	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	2	2	2	0.2	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
8	3	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	2	2	2	0.2	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
9	4	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	1	1	1	0.1	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
10	4	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	1	1	1	0.1	0.5	0.5	0.5-0.5	1.70E-01	--	--	--	--	--	--	--	--	--
11	6	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	0	0	0	0.0	0.0	0.0	0.0-0.0	1.70E-01	--	--	--	--	--	--	--	--	--
12	6	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	0	0	0	0.0	0.0	0.0	0.0-0.0	1.70E-01	--	--	--	--	--	--	--	--	--
13	Background	1-VOC-34	1,3-Dichloropropene (cis)	µg/L	--	--	--	--	0	0	0	0	0.0	0.0	0.0	0.0-0.0	9.10E-02	--	--	--	--	--	--	--	--	--
14	Background	1-VOC-35	1,3-Dichloropropene (trans)	µg/L	--	--	--	--	0	0	0	0	0.0	0.0	0.0	0.0-0.0	9.10E-02	--	--	--	--	--	--	--	--	--

## ABBREVIATIONS AND ACRONYMS

-- Not applicable or not available  
 Values are not present when MCLs, ALs, and RLs have not been promulgated.  
 MCLs are per liter.

µg/L Micrograms per liter  
 AL Action Level  
 CRLQ Current Required Quantification Limit  
 MCL Maximum Contaminant Level  
 MCLL Maximum Contaminant Level Limit  
 PCL Projector Concentration Level  
 RL Residential Screening Level  
 RL Regional Screening Level  
 USEPA US Environmental Protection Agency  
 Texas Commission on Environmental Quality  
 TBRP Texas Risk Reduction Program

## NOTES:

<sup>a</sup>The applicable screening criteria is the MCL or AL. If no MCL exists, the action level is the USEPA Tapwater RL. If no EPA RL exists, then the TCDO Residential groundwater projector concentration level is the action level.

<sup>b</sup>The exceed column is the maximum detected concentration divided by the concentration criteria. Only concentrations where the maximum detected concentration exceeds the concentration criteria are included.

<sup>c</sup>Maximum Contaminant Levels and Action Levels are accessed at <http://water.epa.gov/drink/contaminants/index.html> as of June 2014.

<sup>d</sup>Regional Screening Levels (RSLs) (May 2014) as presented at USEPA website at <http://www2.epa.gov/tapwater/tapwater-residential-screening-levels>.

<sup>e</sup>TCDO TRRP PCPs (June 2012) as presented at [http://www.sacusepa.gov/tcrp/tcrp\\_pcbs.html](http://www.sacusepa.gov/tcrp/tcrp_pcbs.html) as of June 2014.

<sup>f</sup>Screening level for 1,3-Dichloropropene was used for 1,3-Dichloropropene (cis) and 1,3-Dichloropropene (trans).

**QUALIFIERS:**

+	High biased. Actual concentration may be lower than the concentration reported
B	Indicates analyte detected in associated method blank
J	Indicates an estimated value
L	Reported concentration is below the CRQL (non-metals)/Reported concentration is between the MDL and the CRQL (metals)

**ABBREVIATIONS AND ACRONYMS:**

--	Not applicable or not available
++	Values are only presented when MCLs, ALs, and RSLs have not been promulgated.
µg/L	Microgram(s) per liter
AL	Action Level
CRQL	Contract-Required Quantification Limit
MCL	Maximum Contaminant Level
MDL	Minimum Detection Limit
PCL	Protective Concentration Level
RSL	Regional Screening Level
USEPA	US Environmental Protection Agency
TCEQ	Texas Commission on Environmental Quality
TRRP	Texas Risk Reduction Program

**NOTES:**

<sup>1</sup> The applicable screening criteria is the MCL or AL. If no MCL exists, the action level is the USEPA Tapwater RSL. If no EPA RSL exists, then the TCEQ Residential groundwater protective concentration level is the action level.

<sup>2</sup> The exceed column is the maximum detected concentration divided by the comparison criteria. Only comparisons where the maximum detected concentration exceeds the comparison criteria are presented.

<sup>3</sup> National Primary Drinking Water Regulations Maximum Contaminant Levels and Action Levels accessed at <http://water.epa.gov/drink/contaminants/index.cfm#List> in June 2014.

<sup>4</sup> Regional Screening Levels (RSLs) (May 2014) as presented at USEPA website at [http://www.epa.gov/region6/6pd/rcre\\_c/pd-n/screen.htm](http://www.epa.gov/region6/6pd/rcre_c/pd-n/screen.htm) (target hazard quotient of 1.0).

<sup>5</sup> TCEQ TRRP PCLs (June 2012) accessed at <http://www.tceq.texas.gov/remediation/trrp/trrppcls.html> in June 2014.

<sup>6</sup> Screening level for 1,3-Dichloropropene was used for 1,3-Dichloropropene (cis) and 1,3-Dichloropropene (trans).